Japan Geoscience Union Meeting 2015

(May 24th - 28th at Makuhari, Chiba, Japan)

©2015. Japan Geoscience Union. All Rights Reserved.



HTT29-11 Room:101B Time:May 24 11:45-12:00

Application of satellite data to identification of water-bloom area

UCHIMURA, Kanata 1* ; SAITO, Ryosuke 1 ; SATO, Sakura 1 ; SEKIKAWA, Yuhi 1 ; TERAOKA, Tomomi 1 ; TONAMI, Mai 1

In order to monitor plague of water-bloom we plan to establish the methodology of its identification using spectral image data obtained by satellites. We succeeded in estimating the ratio of water-bloom area within a pixel. Also we make measurement of spectrum of water-bloom in laboratory and compare them with satellite data.

Keywords: water-bloom, remote sensing

¹Hokkaido University